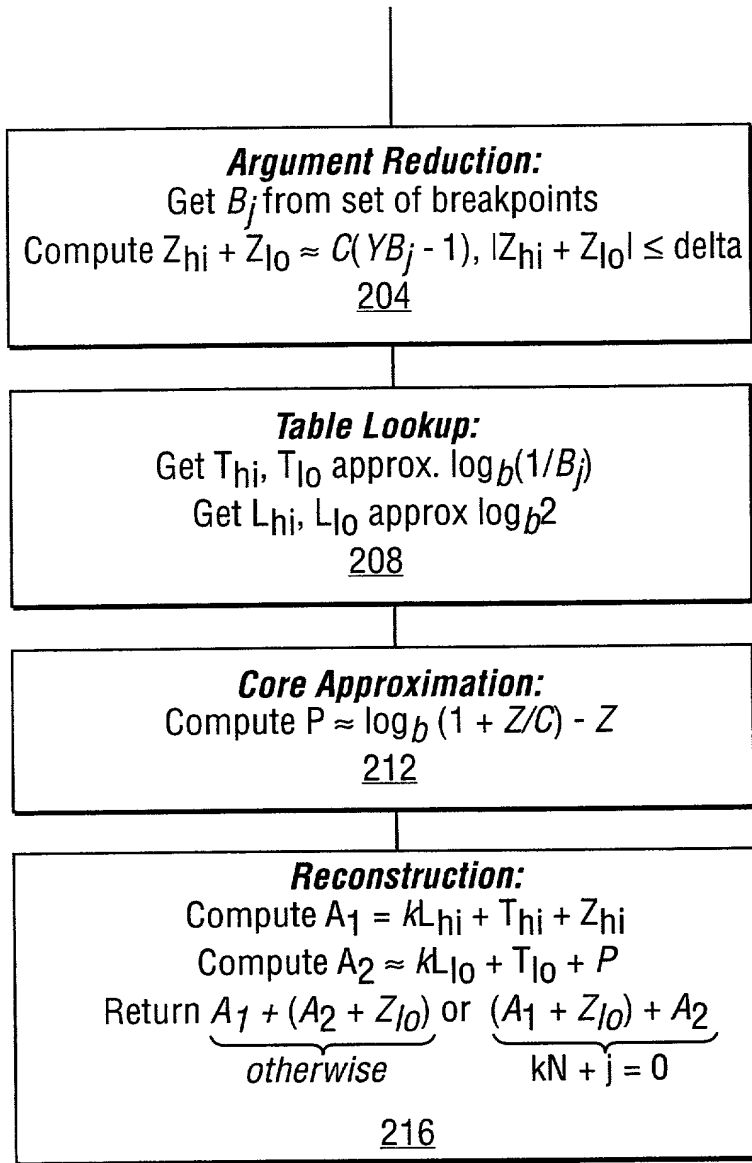


Table-Lookup Methodology with a Branch, for $\log_b(X)$.

FIG. 1
(PRIOR ART)

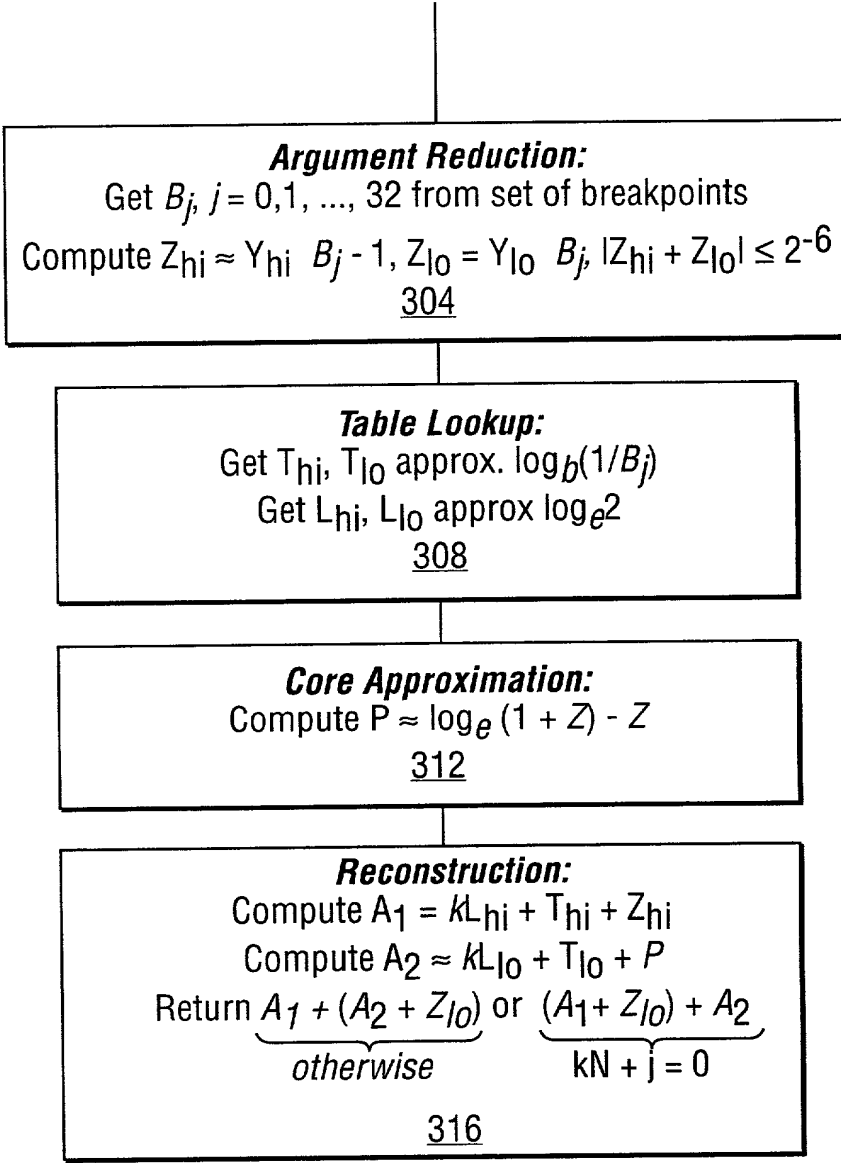
Patent # 4,345,450



A Branch-Free Table-Lookup Methodology for $\log_b(X)$.

FIG. 2

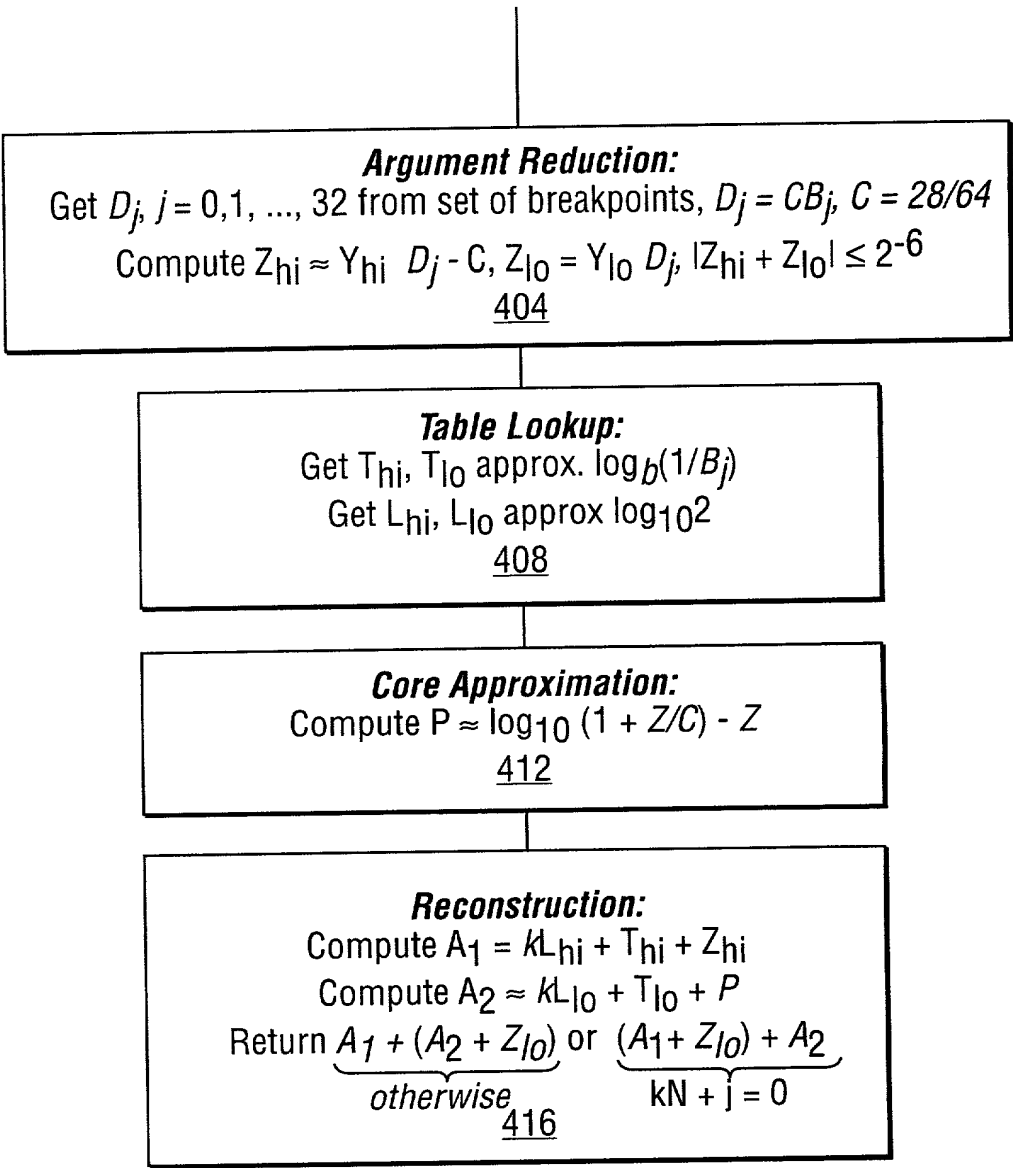
U.S. Pat. 4,643,450



Branch-Free Table-Lookup $\log_e(X)$.

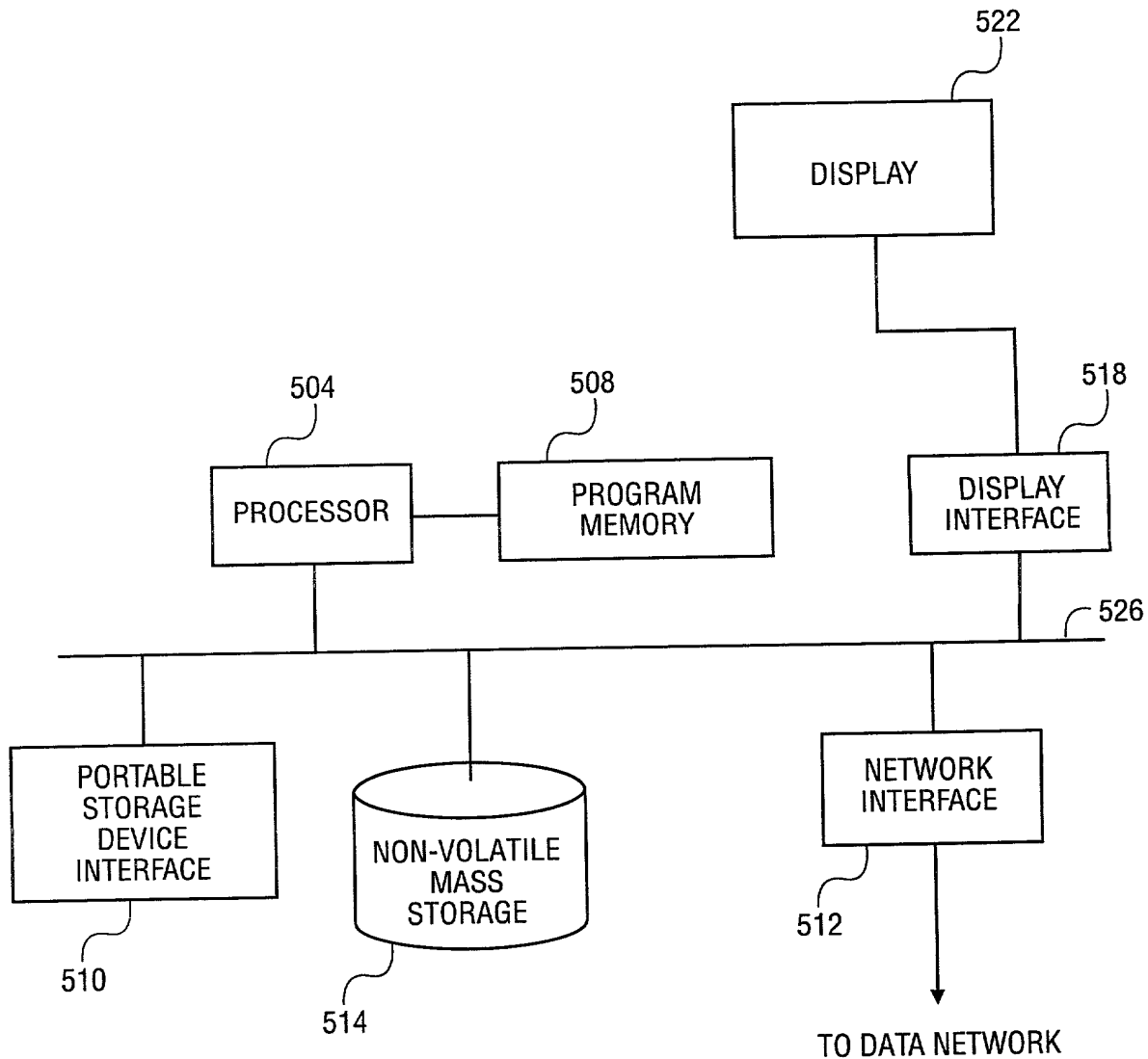
FIG. 3

1060044666



Branch-Free Table-Lookup $\log_{10}(x)$.

FIG. 4



502 ↗

FIG. 5